

HUMANICS CLASSES WILL SEE FILMS OF REFLEX RESEARCHS

Work of Dr. Pavlov, Nobel Prize
Winner and Psychologist
To Be Shown

USES DOG AS A SUBJECT

In connection with the Course in Humanics, moving pictures of Dr. Ivan P. Pavlov's famous experiments in conditioned reflexes were shown yesterday afternoon. These pictures will be shown again today at 1 o'clock in Room 5-330.

Illustrating the work done by Dr. Pavlov, Nobel Prize winner and Director of the Physiological Laboratories in the Russian Academy of Science, the films show what has been done in psychology, especially as regards the cause of conditioned reflexes.

Experiments on Dogs

For example, Dr. Pavlov has subjected a dog to an electrical shock, always accompanying the shock with the beat of a metronome. In time the two experiences became so inseparably associated in the dog's mind that the sound of the metronome alone was sufficient to produce all the signs of electrical shock such as bristling of the hair and fear in general.

Dr. Pavlov has attempted to explain the behaviour of frogs, monkeys, and children by experiments. These, together with effects caused by removing various cerebral centers of a dog's brain, are also shown in the pictures.

The pictures are not restricted to the students of Humanics. All are invited to attend and see the illustrations of a remarkable series of experiments showing how and why we react to different conditions.

CHESS CLUB ARRANGES GAMES FOR MEMBERS

In order to give all members of the Institute Chess Club a chance to show their ability and to give all of them a fair chance for the team, a number of matches between the members are being arranged.

A tentative list of the players has been made showing their relative strength as far as has been determined. The matches as arranged can be seen on a poster in the lobby of Walker.

In their last match with the Bay State Chess Club the team played them to a draw. Contrary to what was true at the beginning of the year, it is now found fairly easy to get enough men to show up at a match.

Motion Pictures and Demonstration Are Featured In Show of Cadillac

Adam Stricker '16, of Cadillac
Company, Gives Exhibition
At S. A. E. Meeting

Motion pictures with sound, featuring the newest Cadillac "V16", will be the feature of the meeting of the Society of Automotive Engineers to be held on Thursday, March 17, at 4 o'clock, in Room 10-250. These films are to be supplemented by the exhibition that afternoon of one of these cars, in Building 31. A representative of the Cadillac Company, Mr. Adam K. Stricker, Jr. '16, who has made these exhibitions possible, will be glad to answer questions after the showing of the film. All members of the Faculty and student body are invited to attend.

In order to provide more convenient facilities for those students who are interested in joining the S. A. E., a representative will be stationed at the desk opposite the Information Office from 11 to 5 o'clock. Copies of the S. A. E. Journal will be on display. It is the purpose of the S. A. E. to keep the Faculty and students of Technology constantly in touch with the latest developments in the automotive field. Join the S. A. E., get the Journal, and learn all about the tear-drop car, the technique of high-speed driving, and the latest diesel engines.

GEORGE EASTMAN DIES BY OWN HAND AT HOME IN ROCHESTER; GAVE MILLIONS TO INSTITUTE

JUNIOR PROM GOES IN FOR CANOPIES AND GOLD BRAID

Favors Will Be Given To All
Who Attend; Floor Show
Follows Dinner

TEA DANCE SATURDAY

With a canopy across the sidewalk in front of Walker Memorial, and at least three liveried footmen to open car doors and the entrances to the building, the Junior Prom is to be a more elaborate affair than previously hinted at in the Committee's releases to the press. Dancing has been scheduled to start a 10:30 o'clock and the Committee has made the request that those who are coming try to get there on time.

At 11:45 o'clock the Grand March will begin. As the marchers start in their trek around the hall, appropriate favors for both the men and ladies present will be passed out. This method of distribution of favors has been worked out by the Committee as the best of the many possible.

Dinner at Midnight

Promptly at midnight the dancers will repair to the tables assigned to them. Late enough to be called a supper, this important part of the evening's entertainment is officially designated a "dinner." When questioned about this point, a Committee member stated that, although the hour does not warrant the name, there will be enough food to make the revelers feel they have eaten in dinner proportions. Any changes in the final arrangement of the table seatings must be made before Thursday. Lennox Lindsay '33 is in charge of such changes and will see those who wish reassignments at his rooms in the dormitories.

Beaver Key Tea Dance

As previously announced in THE TECH, the Beaver Key Society is sponsoring a Tea Dance Saturday afternoon following the Prom. Those in charge have obtained Sammy Liner, who played for the recent ninety-eight-cent dance which the dormitories held.



GEORGE EASTMAN

A gift to Massachusetts Institute of Technology from the Corporation, this portrait of the late George Eastman, Technology's greatest benefactor, was painted by the distinguished artist, Sir Philip de Laszlo.

As "Mr. Smith," Eastman Baffled Curious in Benefactions to Institute

President's Secretary, Who Kept
The Secret, Tells Of His
Generosity

"I am often asked a recipe for keeping a secret. It is, after all, very simple. Tell it to no man and to few women," wrote President Maclaurin of the "Smith" story, in 1920. In 1912 George Eastman gave \$2,500,000 to the Institute anonymously. When Dr. Maclaurin informed the Executive Committee of the gift, the largest in the history of Technology, he stated that the donor's name was "Smith," just "Smith." Immediately a "guessing contest" started which ran the rounds of the newspapers of the country. At Technology three persons knew the identity of "Mr. Smith." They were Dr. Maclaurin's secretary, Miss M. R. Miller, and his wife, Mrs. Maclaurin.

Miss Miller, now Dr. Compton's secretary, knew who "Mr. Smith" was from the first. She saw the first letter from Mr. Eastman to President Maclaurin. Although she was never asked directly about "Mr. Smith," Miss Miller found it necessary to be constantly on guard lest an inadvertent statement give away his identity. At one time, Miss Miller relates, Dr. Maclaurin almost mentioned Mr. Eastman's name in speaking of the gift. In statements to Miss Miller or to Mrs. Maclaurin, in all documents and reports, it was always "Mr. Smith" or the "mysterious Mr. Smith," with a smile and a twinkle of the eye, perhaps.

Visited Buildings in Secrecy

Mr. Eastman had never visited the Institute before he made his gift, but when the new buildings on the Charles River, made possible by his donation, were completed, he made a quiet visit to President Maclaurin. He "sneaked" into the President's office one afternoon in 1916, said

Miss Miller, and together the two men surveyed the new buildings. When Miss Miller again met Mr. Eastman some years later, after the identity of "Mr. Smith" had already been revealed, he told her that he too had a secretary who could keep a secret.

Nine persons knew the identity of "Mr. Smith" during the eight years that Mr. Eastman had his name withheld. They were Dr. and Mrs. Maclaurin, Miss Miller, Benjamin Strong, Jr., Governor of the Federal Reserve Bank; Seward Prosser, of the Bankers' Trust Company; Frank W. Lovejoy, Mr. Eastman's General Manager; Mrs. George Dickman, the widow of one of his associates; Miss Alice R. Whitney, his secretary; and "Mr. Smith." They all kept the secret and enjoyed the guessing game. At the time of the dedication of our new buildings," Dr. Maclaurin reported, "suspicion centered on two New York millionaires, each of whom strongly suspected the other. It is said that they dined together to have it out, but separated without having discovered any secrets and with enlarged respect for the bluffing power of each other. As a matter of fact, neither was "Mr. Smith." In another center a man, not "Mr. Smith," claimed to be he, and in still another a woman made it known to her friends that she was certain that "Mr. Smith" was her husband, although here she was in error." "I have seen some of the clippings from the Boston papers containing accounts of the attempts to locate the donor and have found them very amusing," wrote Mr. Eastman to Dr. Maclaurin in 1918.

Secrecy Causes Complications

An amusing incident resulted from the secrecy in 1916. Dr. Maclaurin sent Mr. Eastman a hasty note, "I have just heard

(Continued on page three)

UNEXPECTED ACT IS LAID TO HIS "MENTAL STATE"

Leaves Note At Bedside "To
My Friends"; Had Just
Finished Will

FUNERAL IN ROCHESTER

President Karl T. Compton yesterday issued the following announcement:

"The exercises of the Institute will be suspended on Thursday, March 17, after 1 o'clock, out of respect to the late Mr. George Eastman, whose funeral is to be held in Rochester on the afternoon of the above date."

Leaving at his bedside a short note addressed simply "To my friends," George Eastman, greatest single benefactor of the Institute, shot and killed himself Monday noon. Mr. Eastman was alone at the time, friends and attendants having left the room a few moments before at his request.

In failing health for some time, Mr. Eastman had held a sick-room conference that morning at which several friends and officials of the Eastman Company were present as witnesses to a new codicil in his will. Shortly after they left, the fatal shot was heard. Mr. Eastman's personal physician, Dr. Audley D. Stewart, announced the suicide two hours later.

The note, written in his own handwriting, merely said, "My work is done. Why wait?" No definite reason was found by his close associates to explain his action, except that he had been in poor health for a number of years and that it was apparently the result of a mental state rather than anything else. The financial affairs of the company, according to reports from bankers who were familiar with them, were in good condition. The funeral will be held in Rochester on Thursday.

Statement by President Compton

Under the date of March 14, 1932, President Karl T. Compton issued the following statement on the death of Mr. Eastman:


"Through the death of Mr. George Eastman the world has lost one of its greatest benefactors and most inspiring citizens. On the basis of his own genius and industry he built one of the great business enterprises of the world—a business whose fundamental purpose is to give instruction and pleasure to everyone. The financial returns from this business he devoted not to himself, but to the advancement of art and knowledge, with particular reference to the advancement of human welfare. Through all his great activity and success he found his greatest interest in quiet, unostentatious service to his fellow men.

"The Massachusetts Institute of Technology owes to Mr. Eastman not only the greatest portion of its present material resources, but also reinforcement of its purpose to be of service. First as the 'Mysterious Mr. Smith' and later as its recognized benefactor, this Institution has honored Mr. Eastman and has been one of the instruments through which he served his fellow men. The Corporation, Alumni, Faculty, and students all mourn the passing of a great benefactor and a great man."

Son of George W. and Maria K. Eastman, the late Mr. George Eastman was born in Waterville, N. Y., on July 12, 1858. His father died shortly after the family moved to Rochester, leaving little or no money and a son eight years old. Educated in the public schools which he left at the age of fourteen for a three-dollar-a-week job in an insurance office.

(Continued on page three)

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Official News
Organ of the
Undergraduates
of M. I. T.

Established 1881

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GEORGE EASTMAN

THERE is really very little one can say about the passing of a man like Mr. Eastman. He speaks for himself through his story, some salient points of which are recorded elsewhere in this edition. It is the more or less familiar one of a man starting literally from scratch and making himself one of the world's richest men. America is especially familiar with men like this; they have been responsible in no small part for her greatness.

Technology has reason to be grateful for these men; they made the Institute possible. Especially are we grateful to Mr. Eastman; it was largely through his beneficence that the new plant on the Charles River was built. Although he himself had little formal education, he was intensely interested in the education of others, and Technology appealed to his practical mind. During his lifetime he gave it nearly twenty million dollars.

The Institute was not his only beneficiary; it was not even the largest one. He gave more money to the University of Rochester, which had aided him in his early struggles. He did his bit toward America's health by founding a number of dental clinics. His life is another refutation to the fears that all the world's wealth will be collected into a few large fortunes.

"My work is done," Mr. Eastman's final statement, is a challenge to the world. His ideal of making photography available for the large body of amateurs has been realized, many institutions have felt the benevolent effect of his philanthropic purse, and the world has felt the effect of his ability as a business organizer. For us, it remains to express our gratitude for his life, and our sorrow at his passing; he was one of the greater Americans.

METAMORPHOSIS

COMING out with a new cover during the fall, *Tech Engineering News* gave the first indication of what was to be a gradual change in policy. To the regular readers of this publication, the changes to a magazine of greater student interest has come gradually and without remarkable innovations in any single issue. To a man who has not seen the magazine since early fall, the changes in appearance of *T. E. N.* would probably be startling.

A new cover, new form of make-up, new and lighter type, and subject matter tending to be of interest to many rather than to technical groups alone, have brightened the appearance of the publication considerably and have helped to make it more appealing to the student reader. The circulation of the magazine before the recent changes is not known to us, but if the following issues maintain the standard of attractive subject matter and good make-up that is set by the current number, it is probable that the student circulation will rise.

The new board of *T. E. N.*, all of whom were on the Junior Board before the recent elections, has continued the policy begun during the last few issues. The current number probably strikes the high note of the staff's efforts to prepare a readable and interesting magazine. The articles are such that they appeal to more students than the purely technical features. For the first time in several years matters of a controversial nature are introduced. The editorials strike closer to home, and are written about familiar subjects. The feature sections introduced during the past few issues add greatly to the magazine.

Tech Engineering News set out to accomplish something—to acquire reader interest; the method used was the obvious yet difficult one—a change in the make-up of the publication and in the type of material used; the results obtained have been gratifying indeed. It would be trite to say that one should buy a copy today, but if one has not seen the magazine for several issues, the change that has come about through the latest metamorphosis is startling.

“What is Wrong With Engineering Education” Discussed in T. E. N.
March Issue Less Technical And More Controversial, Has Wider Appeal

In an attempt to create greater interest among its readers, *T. E. N.* has departed a little from its former technical-journal style. The four featured articles making up the principal part of the March issue, which goes on sale today, have been chosen so as to appeal to all students, rather than to certain restricted groups. With the March issue, *T. E. N.* becomes less a technical trade-bulletin, more a magazine of philosophical controversy.

The list of contributors is headed by Frederick K. Morris, Professor of Structural Geology, whose first article on “The Story of the Earth and Its Creatures” is a review of the theories which attempt to explain the origin of the earth and the solar system. In passing, Professor Morris gives several rules for the building-up of knowledge. “The structure of growing knowledge is like the building of made-land along a seashore. Based upon the solid *Known*, men toil against the very verge of the chaotic *Unknown*. . . . Speculation is ruled out; only inferences from known facts are permissible.”

No Theory Acceptable

Two classes of theories are proposed; the “normal development theories, which say that the solar system was formed by the contraction and revolution of a gas nebula, or from a flight of meteors; or the “theories of accident” which suppose that the sun was struck by another star, and that the material thus knocked or dragged out of the sun is that from which the planets were formed. No theory is very plausible; and “it's better science to admit that we have no acceptable theory than to proclaim one that hasn't been cleared of major objections.”

At any rate, we may believe that the earth came from the sun, that the outer layer of rocks cooled down, the seas were formed, and that in them the first life began. “All this was long before the oldest rock formations *which we now can see*, were made; all this was long before thirteen to fifteen hundred million years ago.” Although ruling out speculation as a basis of knowledge, Professor Morris makes good use of it in writing his interesting and instructive essay.

Criticizes Lecture Methods

“What's Wrong with Engineering Education?”—more particularly, *local* engineering education—is discussed by Professor Ernst A. Guillemin and by Beaumont H. Whitton '33. In characteristically vigorous style, Dr. Guillemin attacks the lecture problem, and proposes his own theory of how a classroom should be run. He thus confines his subject to the most important single detail in the student-Faculty relation.

Mr. Whitton, on the other hand, is broader and more fundamental in his criticism, touching on more phases of the subject, necessarily less definite in proposing remedies. He criticizes, among other things, the “high mortality rate” among freshmen, as evidence of illogical entrance requirements; lack of proper classification of students; estrangement of student and instructor; lack of incentive to study; improper distribution of technical and non-technical subjects in the curriculum.

Engineers as Accountants

Accounting as a field for the engineering graduate is the subject of an article by William I. McNeill '17, of the Colgate-Palmolive-Peet Company. Mr. McNeill lists four roads by which the position of comptroller or vice-president in charge of finance in a company may be approached: public accounting, credits and billing, cost accounting, general and home office accounting. It is his opinion that an engineering training, supplemented by training in the fundamentals of accounting, is the best possible basis on which to compete for high executive positions in the financial or accounting section of any business.

An interesting novelty is afforded in a double page of photographs of the tops of skyscrapers, with humorous comments by Charles Phelps Cushing. To him the Chrysler Building is a “giant asparagus stalk”; the Singer Building, a jeweled “base burner”; the top of the New York Life Insurance Building “an inverted ice cream cone, of golden brown pastry, stamped in the Nabisco pattern.”

An engineering digest, a review of research at the Institute, and a double page of editorials complete the March issue. The attempt to stimulate greater interest

among *T. E. N.*'s readers has resulted in a magazine of much wider appeal and more general interest than previous issues.
R. J. D.

As We Like It

**HOLLIS STREET THEATER
“Candida”**

“Candida” is advertised as Shaw's best play. That seems to have been the opinion of the playwright himself, as well as of those who have followed the Shavian fortunes down the forty-odd years since Shaw started writing for the stage. None of his plays have worn as well; the latest, “Too True to be Good,” has been something of a disappointment.

In 1895, when Shaw wrote “Candida,” the faults and foibles which have come to be associated with the Sage of Adelphi had not yet fastened their grasp on his stage-writing. “Candida” is happily free from the shortcomings with which Shaw is customarily reproached. Of course, there is a message in this play, as in the others; but for once it is agreeably subordinated to the plot. The characters are not mere Shavian puppets, but are personages in their own right. They do not step out of character to give vent to the author's opinions on this and that. The humor and the wit are there, but they fall in a natural way. In 1895 St. Bernard had less reputation to ride on; he had not yet become a law unto himself.

The single scene is laid in the drawing-room of St. Dominic's parsonage, in a London suburb. As Candida, Blanche Yurka is once again the star among her players. She plays the part quietly, almost unobtrusively, until the end of the third act, when she becomes unquestionably the mistress of the scene. At other times, she is a passive subject for the conflicting passions of the two men, whose quarrel she thereby throws into sharp relief. Russell Hicks plays the capable, preaching, self-esteeming husband, Robert Henderson the weak, boyish poet, impossibly romantic in traditional Victorian style. Typically Shavian is the paradox that makes the husband the really weaker of the two, to whom the wife must finally turn her protecting love.

Frank Compton, borrowed from the Copley Players, makes a capable Cockney scoundrel. Doris Rich, as Prossie, the typist, mixes entertainingly a secret passion with hard-boiled practicality and a caustic tongue. Alexander Onslow, playing the young, imitative curate, rounds out the capable cast of six in a play that is excellent comedy.
R. J. D.

**COPLEY THEATRE
“Murray Hill”**

Returning to the theater where it was first produced in 1927, “Murray Hill” played last night to a full and enthusiastic
(Continued on page three)

**As We See the
MOVIES**

**LOEW'S STATE
“Sky Devils”**

This week's attraction at the State is another air thriller: Spencer Tracy, William Boyd and Ann Dvorak in “Sky Devils.” As usual, the negligible plot concerns the antics of American doughboys in France; razzing sergeants, going A.W.O.L., dodging M.P.'s, chasing French girls and meeting beautiful American ones, and so forth. In this case the heroes are in the Air Corps.

One of the cadets is such a poor flyer that he performs almost impossible stunts, such as flying through hangars, under wires, and down village streets. We do not know who had the controls during the filming of these stunts, but he was a superlative flyer. The picture is worth seeing for these too few aerial shots. Otherwise, it is much like the other successors of “The Big Parade.”

Accompanying the feature is a news reel of the fighting in China, taken on the actual front. We see Japanese soldiers advancing and setting fire to dwellings, refugees fleeing, and as many of the accompaniments of war as the cameraman could catch. A few more pictures like this might bring home to the world that there is a real war going on over there. The other attraction, “Piscatorial Pleasure,” was good, for those that like that sort of thing.
C. W. S.

(Continued on page four)

**Intrepid Students Hunt
Big Game in Dormitories**

Late Saturday night, two suspicious-looking individuals appeared in the Dormitories. They were sighted first on the dizzy heights of sixth-floor Runkle. They stalked silently down the dismal corridor; one, clad only in bathrobe and slippers, played the beam of a powerful flashlight before him; the other, fully clothed, followed, carrying a phial of colorless liquid and a sturdy hemp rope.

Into the shower room they went. A spot of light traversed the walls, stopping momentarily in the dark corners. “Not here,” one mumbled, and they departed. The night watchman was in the hall. Straight toward him they went, whispering a question. “Look in the basement,” he replied, and down the treacherous stairs they went.

Again the powerful lamp flashed on, searching each corner in the dismal old Dorm cellar. A sudden cry rent the air. Feet scuffled rapidly. The uproar was investigated. There, lying on his back in a coil of rope, drenched with a sweet-smelling liquid, kicking madly in agony, was—a cockroach!

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**TECHNOLOGY BRANCH
H. C. S., INC.**

Gym Team Meets Springfield and Army in Walker

Engineers Will Meet Stronger Teams From Colleges Than Of Last Year

Competing against two teams that it outscored a year ago, the Technology varsity will meet Army and Springfield University in a tri-meet. The meet will take place in the Walker Memorial Gymnasium on Saturday, March 19.

Last year the Beavers won from both these teams by decisive scores, but this year it appears that the Engineers will meet with stronger opposition. Army has had a schedule of successful meets so far, downing in succession Bowdoin, N.Y.U., Colgate, and McGill. Furthermore, Army defeated N.Y.U. by a much larger margin than the Institute team did week before last.

Springfield, on the other hand, has also had a very good season so far, defeating N.Y.U. and Temple, tying Dartmouth, and losing to Navy and Princeton. Dartmouth, it will be remembered, beat the Technology team last week.

Among the gymnasts from West Point are several outstanding performers. Cepeda has shown himself especially adept on the rope climb, making the distance in 4-5 seconds. So far this season he has won the rope climb every time for the Cadets.

Steele, captain of the Academy team, is also a noteworthy performer, making high scores for his team on the side horse. No less proficient on the parallel bars is King.

On the team from Springfield of especial interest will be Sholtzberger, who is capable of excellent work on the tumbling mats and on the parallel bars. In tumbling he took third place at the American Athletic Union meet. On the high bar Springfield will be most strongly represented by Seeley. Both Cepeda of Army and Ericson of the Institute will find a strong contender in the rope climb in the form of Yausu.

The meet will take place on the top floor of Walker Memorial at 2.30 o'clock Saturday afternoon. The public is invited, there being no admission charge.

RADIO SOCIETY HAS TESTS DURING WEEK

Having been active during the last few days exchanging reports with England, Scotland, and Belgium, the Radio Society has been entered in the American Radio Relay League's tests which are being held this week. The station was in continuous operation from last Thursday until Sunday. Tests were conducted in four-hour periods; the sending of the messages was done by an automatic machine.

The following operators were active during the tests: Radio M. Hisamoto '34, Bernard Goldfarb '34, Norman B. Krim '34, G. Donald Fenton '35, Delbar P. Kelly '34, Larry Jacobson '33, Laurence B. Stein, Jr. '34, Charles W. Finnigan '34, and Walter O. Nisula '34.

Art Marshall Plays At 25th Annual St. Patrick's Day Dance

Catholic Club Holds Affair In Walker Memorial Tomorrow Night

Art Marshall's original ten-piece band will play at the twenty-fifth annual Saint Patrick's Day Dance given by the Technology Catholic Club tomorrow evening in Walker Memorial. The committee, headed by John A. Finnerty '32, president of the Club, have announced that another musical attraction over and above the famous band has been secured, but they are withholding this as a surprise parcel for those who attend. They also announced that Mr. and Mrs. H. F. McDonnell, Professor Matthew R. Copithorne, and Mr. and Mrs. William H. Kane will be guests at the dance. Tickets, which will be sold at the door, are priced at \$1.50 a couple.

Bulb Thieves

Students of Case Tech who steal lamp bulbs, break windows, smash doors, and otherwise behave in an anti-social manner, will be turned over to a psycho-analyst for examination.

RAWSON SENDS MEN TO INTERCOLLEGIATES

Two Fighters To Represent Institute At Final Meet

Two men will represent the Institute at the boxing Intercollegiate to be held this Friday and Saturday at the University of Syracuse.

Wetherall and Cooper will fight for the Engineers in the Intercollegiate. It had been the thought previously to send Joe Carey to box in the 145-lb. class, but injuries have prevented the 145-pounder from being included. Wetherall will fight in the 135-lb. division and Cooper, captain of the Beaver team, will represent the Institute in the 165-lb. class.

The participation in these intercollegiate bouts is a signal honor to the men sent, as it is an invitation meet, and only those who have made a good showing in their regular schedules have been invited.

Coach Rawson predicts that both men will make good showings for the Institute, both being of excellent intercollegiate championship material and in perfect condition.

Fate Of Masque To Be Decided To-night

Plan To Include Dramashop Members In Society

An effort will be made to decide the fate of Masque, honorary society of the Tech Show, at a meeting of all members to be held in the West Lounge of Walker Memorial at 7.30 o'clock this evening. The society has been threatened with extinction by the decision of the Institute Committee to discontinue production of the show.

It has been proposed to make Masque an honorary dramatic society so that Dramashop members would be eligible to membership, thus assuring the continuance of the Society. Dramashop has no honorary society at present. Provisions will be made under this plan to allow Tech Show members to join the Society if that activity is revived in the future.

Course XV Hears Mr. Shibley Speak Today On Business Records

Also Makes Address at Boston Chamber of Commerce Tomorrow

Fred W. Shibley, vice-president of the Bankers' Trust Company of New York, will be the guest of the department of Business and Engineering Administration of the Institute today. In the afternoon, Mr. Shibley will lecture on "Control Through Business Records" before one of the department's graduate classes.

Mr. Shibley comes here to address members of the Boston Chapter of the National Association of Cost Accountants. He will speak at the Association's dinner to be held in the Chamber of Commerce at 6 o'clock tomorrow evening. Mr. Shibley's subject will be "Modern Methods of Business Control." Charles F. Weed, Vice-President of the First National Bank, will preside at the dinner.

As We Like It

(Continued from page two)

house. Both then and shortly after in New York, its versatile young author filled the role of Wrigley, the multi-millionaire masquerading as a mortician.

It would be safe to say that the underlying motif of the play is the salvation of Amelia Tweedle from the spinsterhood which claims three of her aunts with whom she lives in the Murray Hill section of New York. The incidental mistaken identities and night of revelry in which Aunt Elizabeth indulges provided ample farcical material.

At the outset of the play, one of the five Tweedle aunts has bequeathed Amelia and her reprobate cousin, Worthington Smythe, whom none of the aunts have seen, \$100,000 apiece. Worthington has just appeared, after coming from Chicago to attend his aunt's funeral, in a very non *compus* condition and in evening clothes.

In order to protect Worthington's bequest, Attorney Appleway passes off "deputy mortician" Wrigley for Worth-

Reporters Hunted In Vain For Real Name Of "Mr. Smith"

Many Millionaires Suspected Before Identity Of Donor Was Revealed

(Continued from page one)

by accident that Mr. A. D. Little, a member of the Corporation of the Institute, is going to Rochester today in the hope of seeing you and interesting you in a project for the strengthening of our department of Chemistry. His cause is a most laudable one, but of course he would not venture to consult you in the matter, if he had any inkling of what you had already done. I could not dissuade him from his project without revealing your identity as a benefactor." But Mr. Eastman received Dr. Little and listened patiently to the explanation of his plans as though he were completely ignorant of the developments along the Charles. Within a few days he informed Dr. Little that he would donate \$300,000 to the department of Chemistry. Dr. MacLaurin was surprised, but Mr. Eastman enjoyed the game so much that he permitted the Institute to make a public announcement of his name in connection with the gift. This was a clever piece of strategy, for efforts to identify "Mr. Smith" as Mr. Eastman were thus defeated. Between 1912 and 1926 "Mr. Smith" made ten separate donations to the Institute and the public was kept guessing. Dr. MacLaurin's several visits to Rochester were necessarily secret, as were all his communications with Mr. Eastman.

Saturday evening, January 10, 1920, Professor Sedgwick read Dr. MacLaurin's last message at the Alumni dinner in which he made known the identity of "Mr. Smith." Sunday morning, January 11, the newspapers throughout the country let the world know, "Mr. Smith is George Eastman."

Realized Value of Technicians
Mr. Eastman always contended that "This country cannot progress industrially without plenty of highly-trained technical men." He observed the Technology Alumni who came to his industrial center at Rochester, and he studied the annual reports of Technology. When he turned to philanthropy, he cooperated with President MacLaurin in building and embodiment of his educational ideal.

Dr. Bingham Presents Fourth Aldred Talk

Subject of Friday's Lecture Is "Adventures in Psychology"

"Adventures in Industrial Psychology" will be the subject of the fourth Aldred Lecture to be delivered by Dr. Walter V. Bingham, Director of the Personnel Research Federation in New York City, in Room 10-250 next Friday afternoon at 3 o'clock.

Dr. Bingham is well known for his activities in public safety work and in industrial research. As special consultant on safety for the Boston Elevated Railway, he succeeded in two years in reducing accidents by 35 per cent. He has carried on similar work in the steel industry and other great organizations.

Dr. Bingham is editor of the *Personnel Journal*, and is director and former president of the Psychological Corporation. He is a corresponding member of the British National Institute of Industrial Psychology, and an American member of the Board of the International Association for Industrial Psychology.

Wrigley, however, is not, as it develops, connected with the undertaking firm but has bought his way in so he might see Amelia. When the real Worthington shows up in the second act and Wrigley tries to keep Worthington out of his own drunken shoes, the situations become most diverting.

Talented as the original cast, which included Genevieve Tobin, may have been, the players of the current production left little to be desired. Shepperd Strudwick, as Wrigley, was most imposing and almost made one forget that his metamorphosis from mortician to multi-millionaire was a needless exaggeration. Joseph Cotten made a most amusing nebbiate and was well supported by Amy Loomis as Aunt Elizabeth.

M. F. B.

HEALTH COMMISSIONER WILL SPEAK TONIGHT

Sedgwick Biological Society To Hold Business Meeting

Dr. George H. Bigelow, Massachusetts State Commissioner of Public Health, will speak this evening at a meeting of the Sedgwick Biological Society. His topic will be "Are There Any Standards for the Intelligent Curtailment of Public Health Work?"

The Society will meet at 7.30 o'clock in the Emma Rogers Room. After a short business meeting, Dr. Bigelow will speak. Following his talk there will be a social hour. All interested are invited to attend.

George Eastman Dies In Rochester Home

Benefactor Of Institute Had Given Millions To Aid In Education

(Continued from page one)

Eastman soon developed an interest in the then clumsy photographic methods of the day.

Ten years later, at the age of twenty-five, he obtained the first of a long list of patents. Immediately following the granting of his first patent, he went into the manufacturing of plates and equipment. In the course of the next ten years the great developments, including the perfection of roll film, making amateur photography easy, and the invention of the flexible film used in movie cameras, produced a boom which the Eastman Company utilized to the utmost.

As the size of the enterprise grew and the number of employees in the factories became an important issue, Eastman turned his hand to efficient factory management and to the human welfare of his workers. Cafeterias, first-aid rooms, reading rooms, and other innovations were installed for the comfort and convenience of the employees.

Gave Huge Sums Away

Staggering sums of money, constituting a goodly portion of his wealth, were donated by Eastman in the interests of education and public welfare. The University of Rochester, the largest recipient, was enriched over a period of years to the extent of thirty-five millions. The Institute, largely through the influence of President MacLaurin, received nearly twenty millions, most of which was originally given under the name of "Mr. Smith." These particular benefactions roused great excitement throughout the country, no one being able to assign a name to the mysterious person who so materially aided in making the new Institute possible.

Other important philanthropies undertaken by Eastman include the establishment of five European Dental Clinics at important centers in Europe, each with a fund of one million dollars, the presentation of more than two million apiece to the two negro Institutes, Hampton and Tuskegee, and innumerable civic improvements in the city of Rochester.

Many Interests

Aside from his business interests, Eastman had numerous hobbies. Most of his meals were eaten to the accompaniment of music, particularly organ music, which he was accustomed to have played during breakfast. Another of his enterprises was an extended trip to Africa, which he took partly because he wanted to go and partly that he might discover the abilities of his assistants in his absence.

Kicks and Jolts Inspire the Cat To Zest and Pep

New Board Insists Phosphorus Stay Up Nights To Get Out From Issue

Once a year Phosphorus gets a new master, and annually they give the beast a few kicks and jolts, or perhaps a new cream bowl, and *Voo Doo* appears with new zest and pep. This year the efforts of the feline under his newly-acquired board of directors will appear Friday, when the Prom Issue, in honor of the Junior function, of course, goes on sale.

Snappy art work and an unusually large number of local jokes and wise-cracks set this issue apart from those of the past few months. Tales have come down from the haunts of the cat that the new managing board has insisted Phosphorus stay awake nights writing the humor connected with men of local fame. The results are apparent.

Less Exchange Drool

Breaking with tradition, Phosphorus and his new helpers have limited the number of exchanges considerably. "Technology humor for Technology men" may be the war-cry, but whatever it is, the columns are now filled with original drool.

The Prom Issue will be on sale Friday morning in the corridors of the Institute and again at the Prom that night. The wily cat has a way with the women (see page 4 of his book), and the fair guests will probably welcome the opportunity to get his latest work early.

Attention Attracted

The dirigible Los Angeles gave the Georgia Tech students a treat the other day by sailing over the college buildings. Several professors were so excited they dismissed their classes and went out-of-doors to view the airship.

\$10,000 Rug

A \$10,000 rug has been willed to Wilson College in Pennsylvania. The rug is to be kept in a glass case and if any student walks upon it or if it is sold for less than its original price, the bequest is void.

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OFFICIAL BULLETINS

OF GENERAL INTEREST

Physics and Physical Chemistry

Massachusetts Institute of Technology

Wednesday, March 16, 3.00 p.m., Room 4-402

Theoretical Seminar for Graduate Students:

Professor M. S. Vallarta will talk on the Uncertainty Principle and Relativity.

Wednesday, March 16, 4.30 p.m., Room 4-231

Lecture by Professor P. Debye on X-Ray Scattering and Molecular Structure.

Thursday, March 17, 3.00 p.m., Room 4-231

Joint Research Conference — Organic, Inorganic, and Physical Chemistry

"The Preparation of Metal Carbonyls at Room Temperature and Atmospheric Pressure." Mr. M. M. Windsor.

Thursday, March 17, 4.00 p.m., Room 4-231

Physics Colloquium:

1. "The Excitation of Extreme Ultra-Violet Spectra in Gas Discharges." Dr. J. C. Boyce.

2. "Some Vibrational Levels in the Amonia Molecule." Mr. Nathan Rosen.

Friday, March 18, 4.30 p.m., Room 4-231

Lecture by Professor P. Debye.

Aldred Lecture

Dr. W. V. Bingham

Friday, March 18, 3.00 p.m., Room 10-250

Dr. W. V. Bingham, Director of the Personnel Research Federation, will speak on "Adventures in Industrial Psychology."

Open to upperclassmen and Faculty.

Undergraduate Notices

ALL MEETINGS CANCELLED

In accordance with President Compton's announcement that the Institute will close on Thursday afternoon, all meetings scheduled for that time are necessarily cancelled.

SEDGWICK BIOLOGICAL SOCIETY

There will be a meeting of the Sedgwick Biological Society on Wednesday, March 16, 1932, at 7.30 o'clock, in the Emma Rogers Room of the Institute. There will be a short business meeting followed by a talk at 8 o'clock by Dr. George H. Bigelow, Massachusetts State Commissioner of Public Health on, "Are There any Standards for the Intelligent Curtailment of Public Health Work?" A social hour will follow. All interested are invited to attend.

S.A.E. OPEN MEETING

Technology branch of the S.A.E. will hold a general open meeting at 4 o'clock Thursday, in Room 10-250. Mr. A. K. Strickler, Jr., of the Cadillac Motor Company, will show sound pictures of the new Cadillac motor cars. An exhibit of the latest 16-cylinder Cadillac will be held in Building 31.

S.A.E. CLOSED MEETING

A closed meeting of the S.A.E. will be held in the North Hall of Walker Memorial, Thursday evening. The subject of discussion will be "Automatic Clutch Control." Pictures of the filming of world news events will be shown. All members are urged to attend. A one-dollar dinner will be served at 6.30 and the meeting will begin at 8 o'clock.

VOO DOO STAFF PICTURE

Voo Doo's staff picture will be taken at the Technology Photographic Service at 8.30 o'clock tomorrow morning in Room 11-004.

As We See The Movies

(Continued from page two)

R.K.O.-BOSTON

"Carnival Boat"

The R.K.O.-Boston features Irene Rich on the stage, and Bill Boyd in "Carnival Boat" on the screen this week. Miss Rich gives a capable performance but slightly mars the effect by a speech of thanks after the short playlet which is obviously insincere; at least it seemed so to this reviewer. The remainder of the vaudeville bill is indifferent, neither good nor bad, except for the Eddie Stanley, Norman Thomas quintette, which put on an act as good or better than the main feature.

Bill Boyd acts his usual part, the big, strong, red-blooded, hero type, and passes it off fairly well. The logging camp scenes are excellent, but the same cannot be said for the rest of the picture. An unusually good comedy helps fill in a fairly good three hours of entertainment.

P. C.

T. C. A. Employment Agency Finds Queer Jobs For Students

Number Of Jobs Fewer This Year But Bureau Helps Many Fellows

From the opening of the Institute last September until the present time, students seeking work at the Undergraduate Employment Bureau have not been much more numerous than usual, but their problems have been considerably more serious. This condition, coupled with the fewer opportunities offered this year, presents a difficult situation.

In spite of these obstacles, the Bureau has managed to assist many men. A comparison with previous years shows that the number of students assisted to date is eighty-five per cent of the number aided for the same period in 1930-31, and sixty-seven per cent of the number for a similar period in 1929-30, the year 1929-30 being the best year in the experience of the Bureau. The number of jobs as compared with past years shows about the same percentages. As one would expect, the earnings dropped off slightly this year. Comparison shows that the earnings this year are about ninety-one per cent of the amount for 1930-31 and seventy-eight per cent of the earnings of 1929-30.

Many Odd Jobs Done

Generally, there have been fewer jobs which could be classed as industrial or professional, but miscellaneous odd jobs have been numerous. There seems to be no decrease in the opportunities to earn board or room.

As examples of various types of work, there have been some interesting jobs in obtaining data for an analysis of the market for various anti-freeze solutions and certain makes of tires. A task somewhat out of the ordinary is performed by a student who takes a dog for an airing on his way to the Institute in the morning and again on his way home at night.

Another man is getting his living by doing some cooking and helping about the home. A part-time barber was one request received by the Employment Bureau, but unfortunately the call came in too late, as the only student with this experience had left school. Here's an interesting job — a certain sports goods manufacturer hired several men to test their sports shoes. These men had to play basketball, handball, squash and tennis eight hours a day for a week. It is all right if you can stand it!

CORRECTION

THE TECH wishes to make a correction to the story in a recent issue concerning three prizes won by Course XV graduate students for papers on Cost Accounting.

Francis A. Lutz '31 was awarded a second prize of \$10, instead of the stated \$5 prize, for his paper on "Accounting Machines and Business Control," in a contest sponsored by the Boston Chapter of the National Association of Cost Accountants.

Large Audience Sees B. U. Fencers Lose To Institute Team

Technology Make Clean Sweep In Epee — Win 6 To 3 With Foils

The Technology Fencing Team easily defeated the Boston University aggregation before a large audience in the Boston University Gymnasium last night. The total score in foils was Technology 6 and B. U. 3. In the epee, Technology made a clean sweep by defeating B. U. 4 to 0. The summary follows:

Foils: Smith, B.U., 2; Hamilton, M.I.T., 5; Hamilton, 5; Frackleton, B.U., 3; Hamilton, 5; Hartman, B.U., 4; Wells, M.I.T., 5; Smith, B.U., 3; Wells, 2; Frackleton, 5; Wells, 4; Hartman, 5; Frisbee, M.I.T., 5; Smith 4; Frisbee 4, Frackleton 5; Frisbee 5, Hartman 2.

Epee: Hamilton 2, Frackleton 1; Wells 2; Holmes, B.U., 0; Frisbee 2, Holmes 0; Gallese 2, Frackleton 1.

College Life

A president has at last admitted the truth. The president of the University of Michigan recently stated that college life is too much of a grind for three out of four students.

Oxford Protest

Oxford students are protesting vigorously against the invasion of their campus by women, saying that the august founders of the university never intended Oxford to be a place of "lost hairpins and impossible hats."

ALL BOOTHS WILL HAVE ONE PRICE AT TECH CIRCUS

Big Nellie, Largest Calliope In New England To Be Used at Circus

Slender budgets will not be precipitated into "the red" by the Tech Circus; depression prices will prevail at all booths, the Committee announced yesterday. A novel system has been worked out by members of the Committee to facilitate the operation of the amusements. Tickets at five cents each will be sold at several booths in the Armory, and the ticket will be good for admission to any concession and for the purchase of drinks at the bars.

Arrangements have been made to secure "Big Nellie," the largest calliope in New England, to provide music for the evening and to create a real carnival atmosphere.

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When the Shelton opened (7 years ago) we began catering to college men and women. Gradually their patronage has increased; we feel safe in asserting that more students make the Shelton their New York home than at any club or other hotel. One reason for this is the free recreational features plus a desire to serve on the part of Shelton employees. Room rates have been greatly reduced. Rates from \$50 per month upward. A room from \$2.50 daily.

Club features (free to guests) are as follows: Swimming pool; completely equipped gymnasium; game rooms for bridge and backgammon; roof garden and solarium. Restaurant and cafeteria service at reasonable prices.

Buzzing Bees!

The Dome Looks Like a Bee Hive

The Students Will Do the Buzzing

WHY?

Read it All In the

TABLOID TECH

At Junior Prom — Main Lobby Monday